

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| L1 | 251 | combin\$6 with affine | USPAT | ADJ | ON | 2010/06/03 10:20 |
| L3 | 0 | 1 same s box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:22 |
| L4 | 18572 | s\$box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:23 |
| L5 | 872 | s\$1box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:23 |
| L6 | 2 | 1 and s box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:23 |
| L7 | 264 | affine with circuit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:25 |
| L8 | 22 | 7 and s box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:26 |
| L9 | 2825 | 380/28,37.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:42 |
| L10 | 5 | affine near inverse same affine same look up | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:43 |

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| L11 | 5157 | affine near transform\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:48 |
| L12 | 267 | 11 and block cipher | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:48 |
| L13 | 246 | 12 and s box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:49 |
| L14 | 120 | affine near inverse same affine transform \$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:51 |
| L16 | 23 | 14 and s box | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/03 10:51 |
| S1 | 0 | "10764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:01 |
| S2 | 1 | "10/764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:01 |
| S3 | 0 | "10/764504""20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:09 |
| S4 | 2 | "20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:09 |
| S5 | 4 | ("2003/0198345").URPN. | USPAT | ADJ | ON | 2009/04/27 06:16 |
| S6 | 5 | coefficient table same AES | USPAT | ADJ | ON | 2009/04/27 06:17 |

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| S7 | 2 | coefficient table same encrypt\$4 | USPAT | ADJ | ON | 2009/04/27 06:17 |
| S8 | 1884 | 380/28.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:35 |
| S9 | 1266331 | "AES" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:35 |
| S10 | 3743 | coefficient table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:36 |
| S11 | 5 | S8 and S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:36 |
| S12 | 2 | S9 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/04/27 06:36 |
| S13 | 0 | "10764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S14 | 1 | "10/764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S15 | 0 | "10/764504""20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S16 | 2 | "20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S17 | 7 | ("2003/0198345").URPN. | USPAT | ADJ | ON | 2009/12/01 18:25 |

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| S18 | 5 | coefficient table same AES | USPAT | ADJ | ON | 2009/12/01 18:25 |
| S19 | 3 | coefficient table same encrypt\$4 | USPAT | ADJ | ON | 2009/12/01 18:25 |
| S20 | 2047 | 380/28.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S21 | 1363010 | "AES" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S22 | 3950 | coefficient table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S23 | 5 | S20 and S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S24 | 2 | S21 and S23 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/12/01 18:25 |
| S25 | 0 | "10764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S26 | 1 | "10/764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S27 | 0 | "10/764504""20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S28 | 2 | "20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |

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| S29 | 10 | ("2003/0198345").URPN. | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S30 | 5 | coefficient table same AES | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S31 | 3 | coefficient table same encrypt\$4 | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S32 | 2258 | 380/28.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S33 | 1442996 | "AES" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S34 | 4111 | coefficient table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S35 | 6 | S32 and S34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S36 | 3 | S33 and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S37 | 0 | "10764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S38 | 1 | "10/764504" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S39 | 0 | "10/764504""20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |

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| S40 | 2 | "20030198345" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S41 | 10 | ("2003/0198345").URPN. | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S42 | 5 | coefficient table same AES | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S43 | 3 | coefficient table same encrypt\$4 | USPAT | ADJ | ON | 2010/06/02 12:42 |
| S44 | 2258 | 380/28.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S45 | 1442996 | "AES" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S46 | 4111 | coefficient table | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S47 | 6 | S44 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S48 | 3 | S45 and S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 12:42 |
| S49 | 0 | galios field multipliers | USPAT | ADJ | ON | 2010/06/02 13:34 |
| S50 | 195 | galois field multipliers | USPAT | ADJ | ON | 2010/06/02 13:34 |
| S51 | 195 | galois field multipliers same multipliers | USPAT | ADJ | ON | 2010/06/02 13:38 |
| S52 | 12 | galois field multipliers same (first and fourth) | USPAT | ADJ | ON | 2010/06/02 13:38 |
| S53 | 0 | first to fourth products | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 13:53 |

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| S54 | 1823 | Kouhei.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 13:53 |
| S55 | 0 | (Kouhei Nidehara).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 13:54 |
| S56 | 2643 | 380/28,29.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 14:00 |
| S57 | 0 | S52 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 14:01 |
| S58 | 4 | S50 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 14:01 |
| S59 | 1 | 10/538556 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/06/02 14:33 |
| S60 | 1 | ("2006/0109981").URPN. | USPAT | ADJ | ON | 2010/06/02 14:37 |
| S61 | 1 | "6201869".pn. | USPAT | ADJ | ON | 2010/06/02 14:38 |
| S62 | 1 | "6377969".pn. | USPAT | ADJ | ON | 2010/06/02 14:39 |
| S63 | 476 | 380/37.ccls. | USPAT | ADJ | ON | 2010/06/02 14:53 |
| S64 | 5 | S50 and S63 | USPAT | ADJ | ON | 2010/06/02 14:53 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L21 | 0 | AES encryption same coefficient table same accumulator same row same index | USPAT; UPAD | ADJ | ON | 2010/06/03 12:30 |
| L22 | 0 | AES encryption same coefficient table same accumulator | USPAT; UPAD | ADJ | ON | 2010/06/03 12:30 |
| L23 | 0 | coefficient table same accumulator same first same fourth | USPAT; UPAD | ADJ | ON | 2010/06/03 12:31 |

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|-----|---|--|-------------|-----|----|------------------|
| L24 | 4 | coefficient table same accumulator same state | USPAT; UPAD | ADJ | ON | 2010/06/03 12:31 |
| L25 | 0 | coefficient table same accumulator same resultant state | USPAT; UPAD | ADJ | ON | 2010/06/03 12:31 |

6/ 3/ 2010 1:17:51 PM

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